

C&I Thermostat program, 2024 CPCN/Tariff filing

Distribution System Benefits		Distribution System Costs	
Power Bill Declines	\$ 155,919	Revenue Declines	(\$212,535)
Rebates From EK	\$55,006	Administrative Costs	(\$5,671)
		Rebates Paid To Consumers	(\$28,354)
Total Benefits	\$210,925	Total Costs	(\$246,560)
Benefit / Cost Ratio: 0.86			

Participant Benefits		Participant Costs	
Electric Bill Declines	\$97,657	Up Front Investment	(\$30,897)
Rebates From Distribution System	\$ 17,655		
Reductions in O&M costs	\$0		
Tax Credits	\$0		
Total Benefits	\$115,312	Total Costs	(\$30,897)
Benefit / Cost Ratio: 3.73			

Total Resource Benefits		Total Resource Costs	
Avoided Energy Costs	\$68,138	Up Front Customer Investment	(\$49,619)
Avoided Gen Capacity Costs	\$34,654	Distribution System Admin. Costs	(\$5,671)
Avoided Transmission Expense	\$18,613	EK Administrative Costs	(\$10,007)
Reduced Customer O&M costs	\$0		
Tax Credits	\$0		
Total Benefits	\$121,405	Total Costs	(\$65,297)
Benefit / Cost Ratio: 1.86			

EK Benefits		EK Costs	
Avoided Energy Costs	\$68,138	Decrease In Revenue	(\$155,919)
Avoided Gen Capacity Costs	\$34,654	Rebates Paid	(\$55,006)
Avoided Transmission Expense	\$18,613	Administrative Costs	(\$10,007)
Total Benefits	\$121,405	Total Costs	(\$220,932)
Benefit / Cost Ratio: 0.55			

Utility Test Benefits		Utility Test Costs	
Avoided Energy Costs	\$68,138	Rebates Paid to Participants	(\$28,354)
Avoided Gen Capacity Costs	\$34,654	Utility Admin Costs	(\$15,678)
Avoided Transmission Expense	\$18,613		
Environmental Externalities	\$0		
Total Benefits	\$121,405	Total Costs	(\$44,032)
Benefit / Cost Ratio: 2.76			

Combined RIM:			
Total Benefits	\$121,405	Total Costs	(\$256,567)
Benefit / Cost Ratio: 0.47			